



FEMA



Prepared by
Todd Beal

FEMA Region 6 Weather Threat Briefing

Friday September 25, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Marginal risk of severe storms on Sunday across OK and NW AR.**
- **Slight risk of heavy rainfall and flash flooding across NE OK and NW AR on Sunday.**
- **Minor river flooding across SE TX, S AR, and LA.**

FEMA Region 6 Threat Matrix

Sep 25, 2020 - Sep 29, 2020



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms			OK/NW AR		
Heavy Rain / Flash Flooding			NE OK/NW AR		
Fire Weather		NM/TX/OK			
Tropical Winds / Surge					
Winter Weather					
River Flooding	LA/SE TX/S AR	LA/SE TX/S AR	LA/SE TX/S AR	LA/SE TX/S AR	LA/SE TX/S AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



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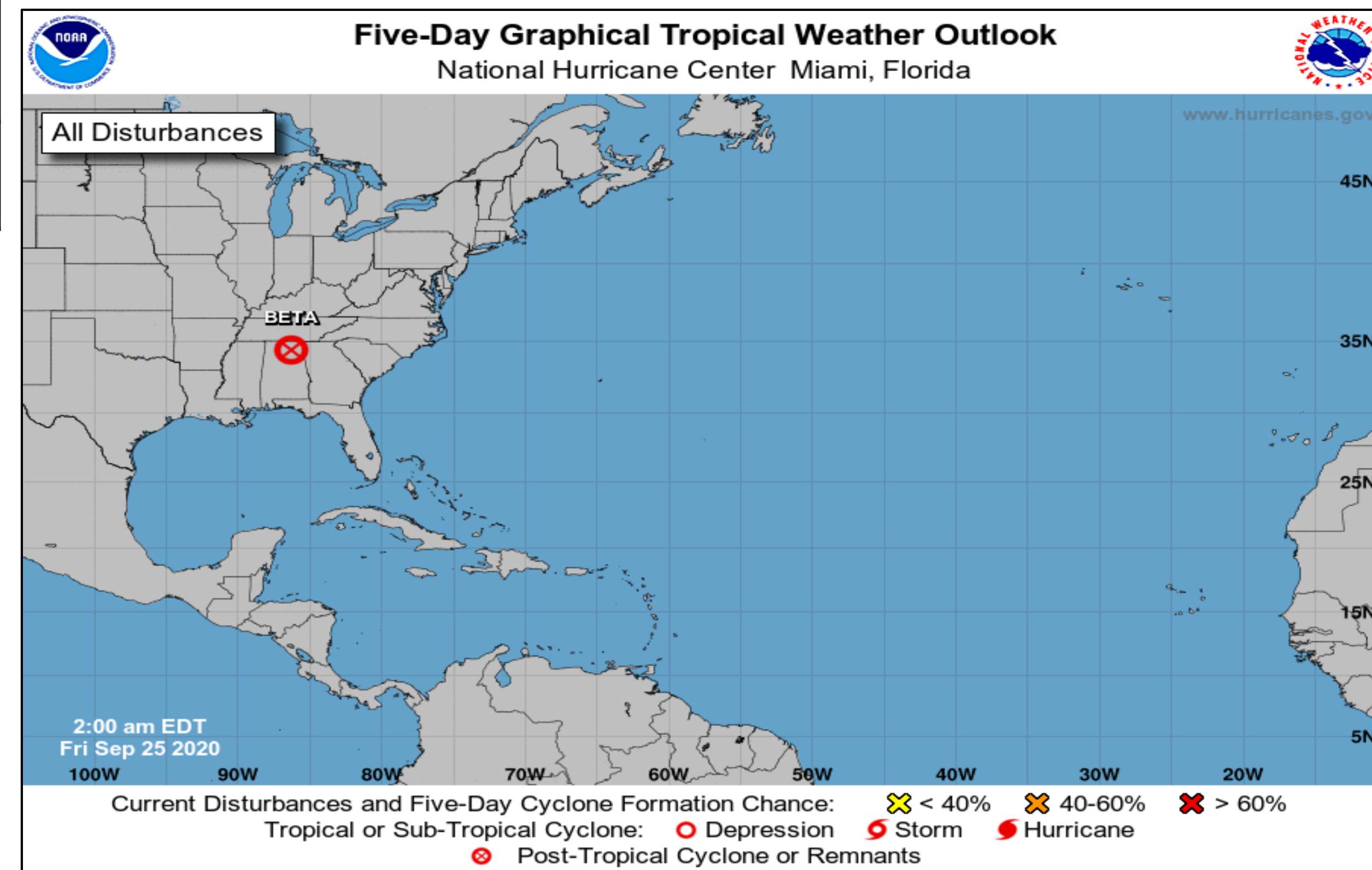
See next slides for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Beta	None



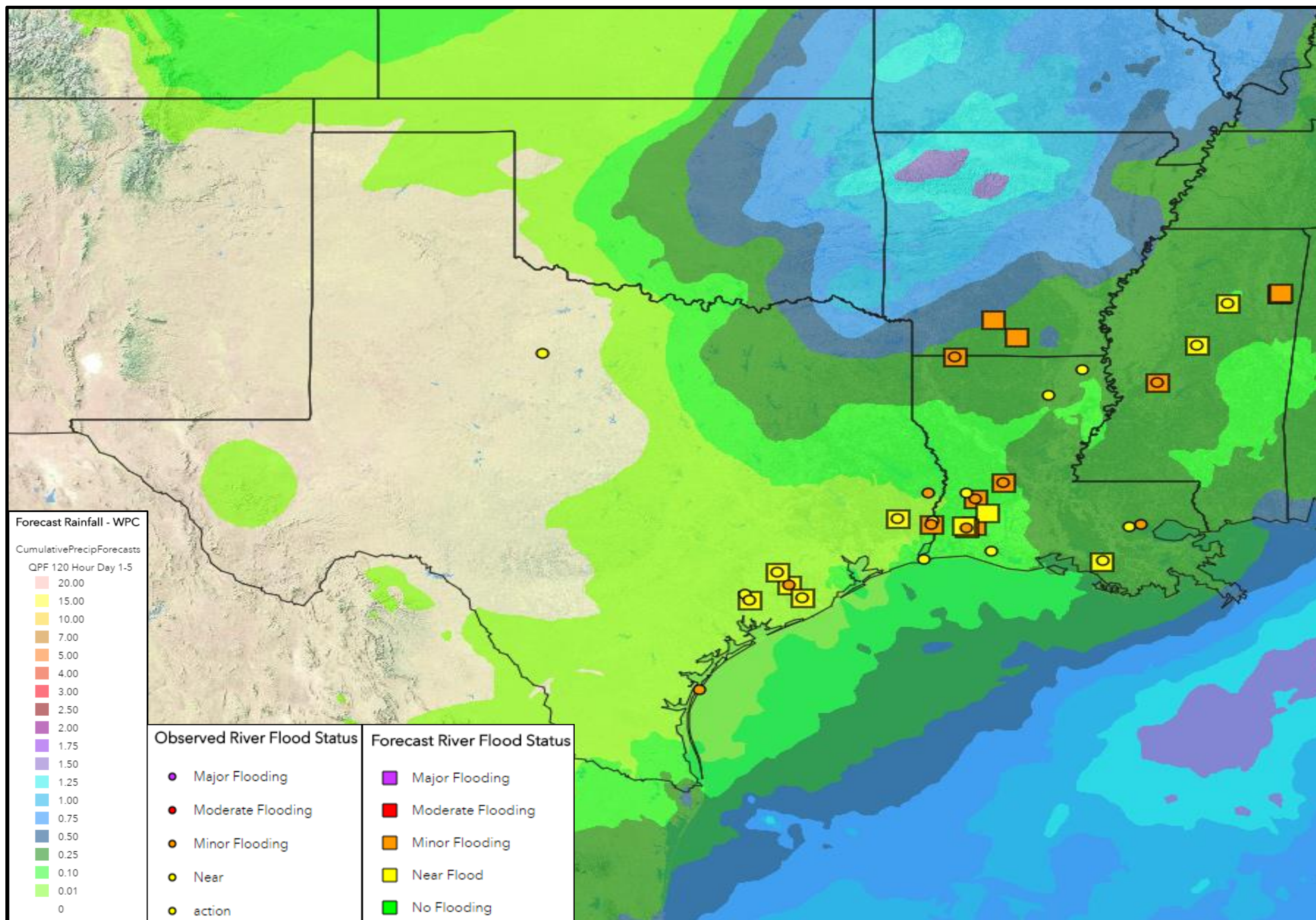
5-Day Precipitation Forecast & River Flood Status

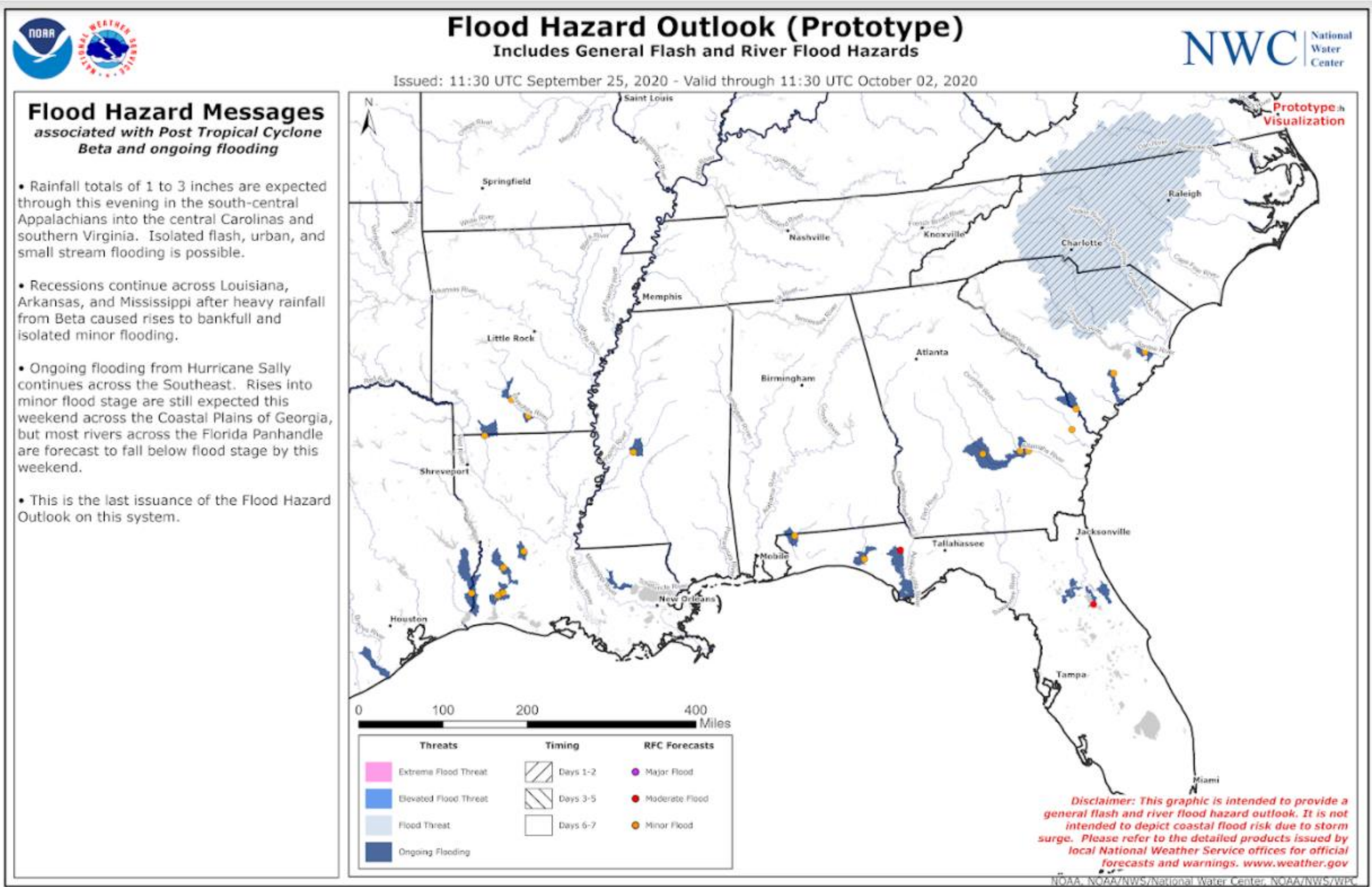


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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Minor river flooding will continue in SE TX, LA, and S AR due to rainfall from Tropical Storm Beta. Impacts primarily to secondary roads and low lying areas.



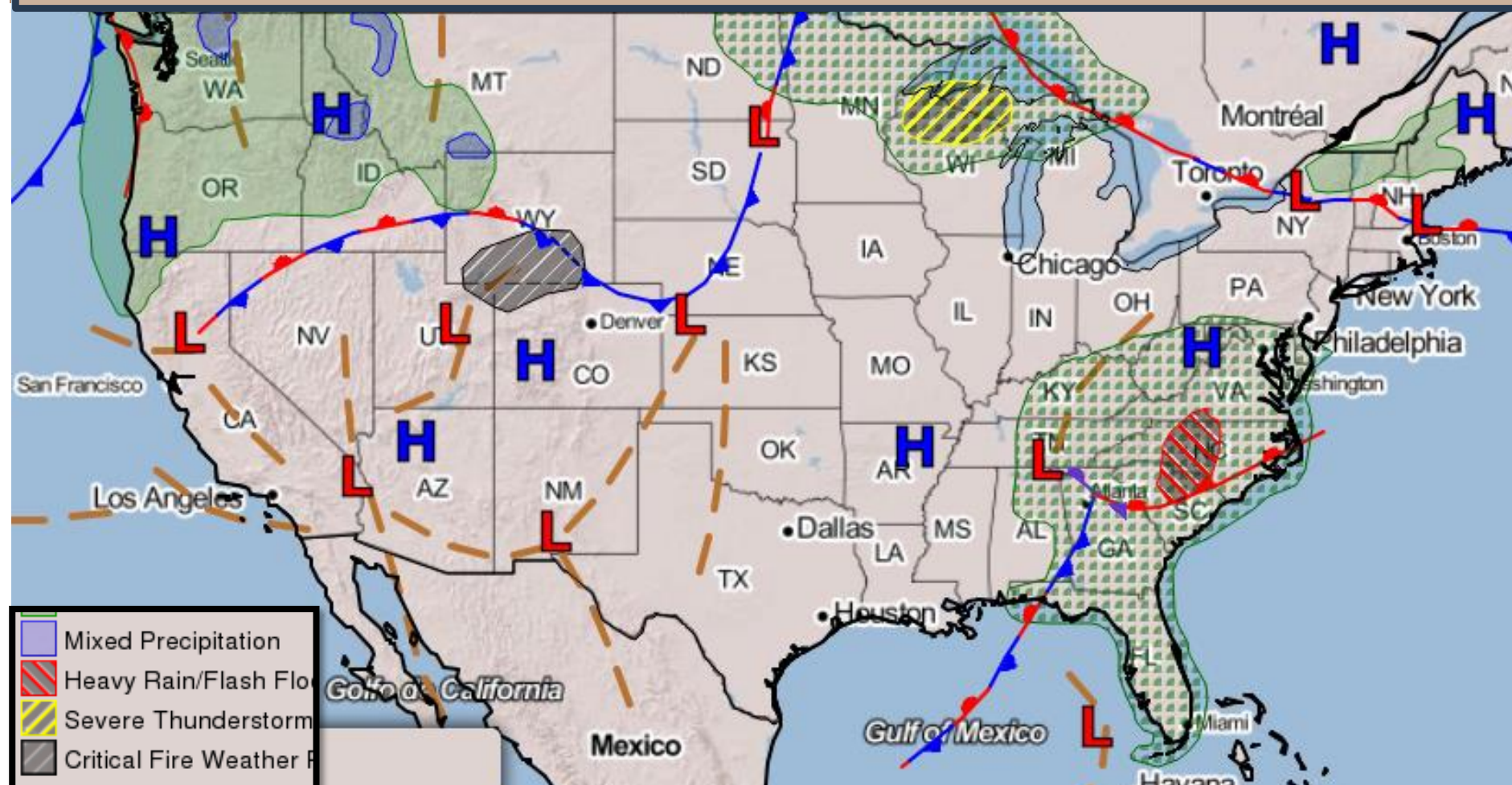


Today's Weather



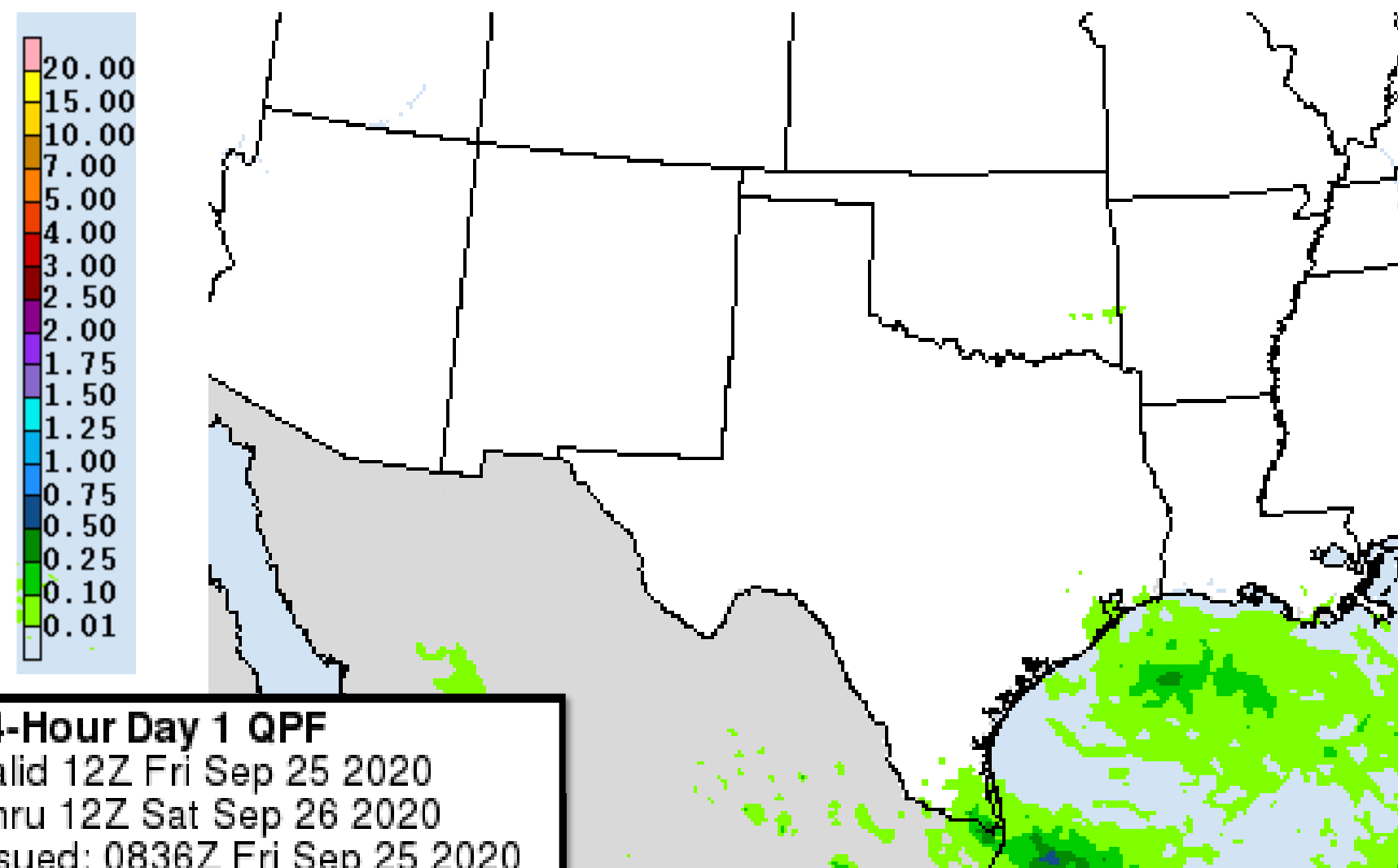
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Forecast Chart



Weather Valid 8am EDT Fri Sep 25 2020 to 8am EDT Sat Sep 26 2020
Fronts Valid 8am EDT Fri Sep 25 2020
Issued 4:57 AM EDT Fri, Sep 25, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Asherman with WPC/SPC/NHC forecasts.

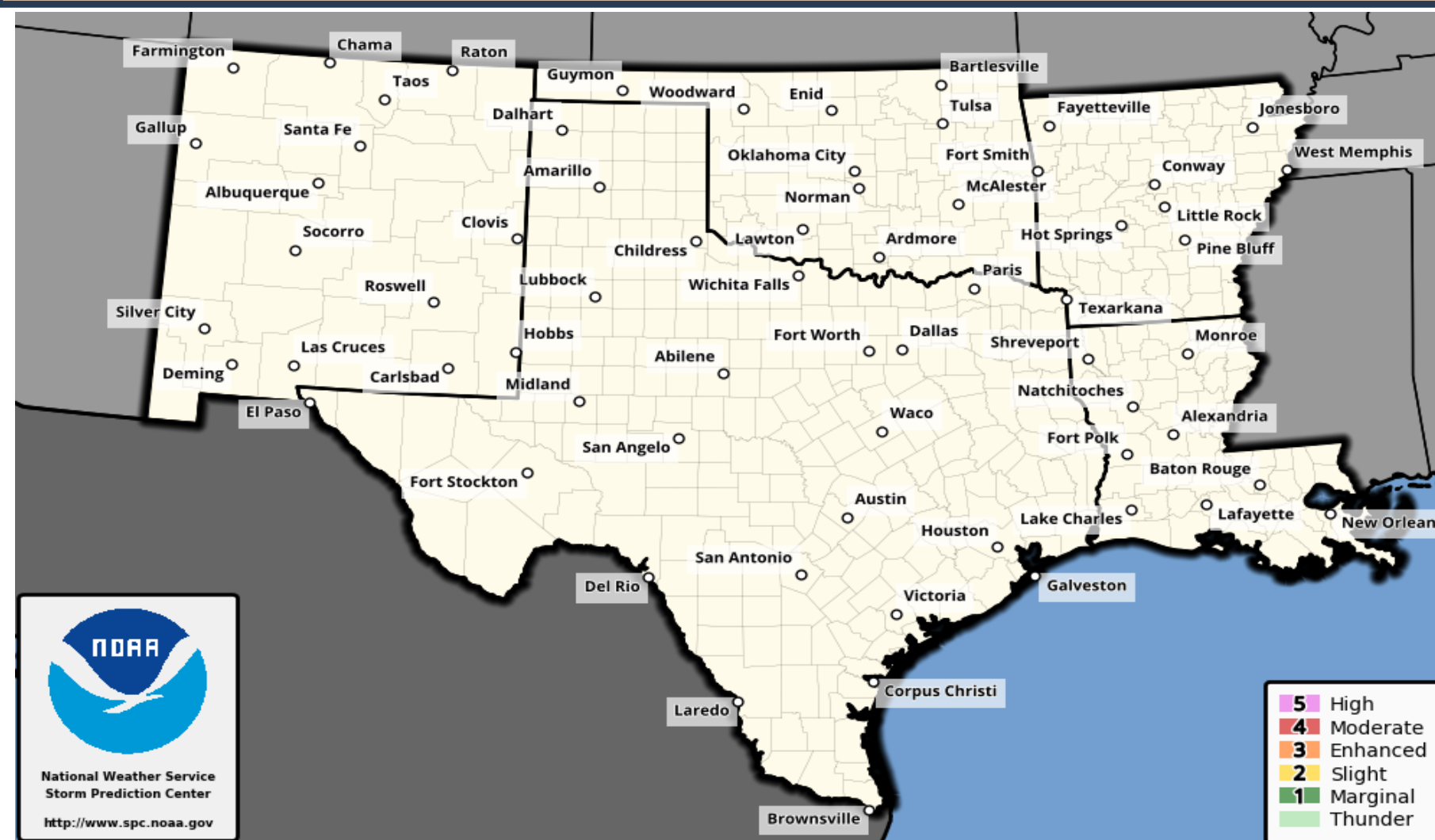
Forecast Rainfall



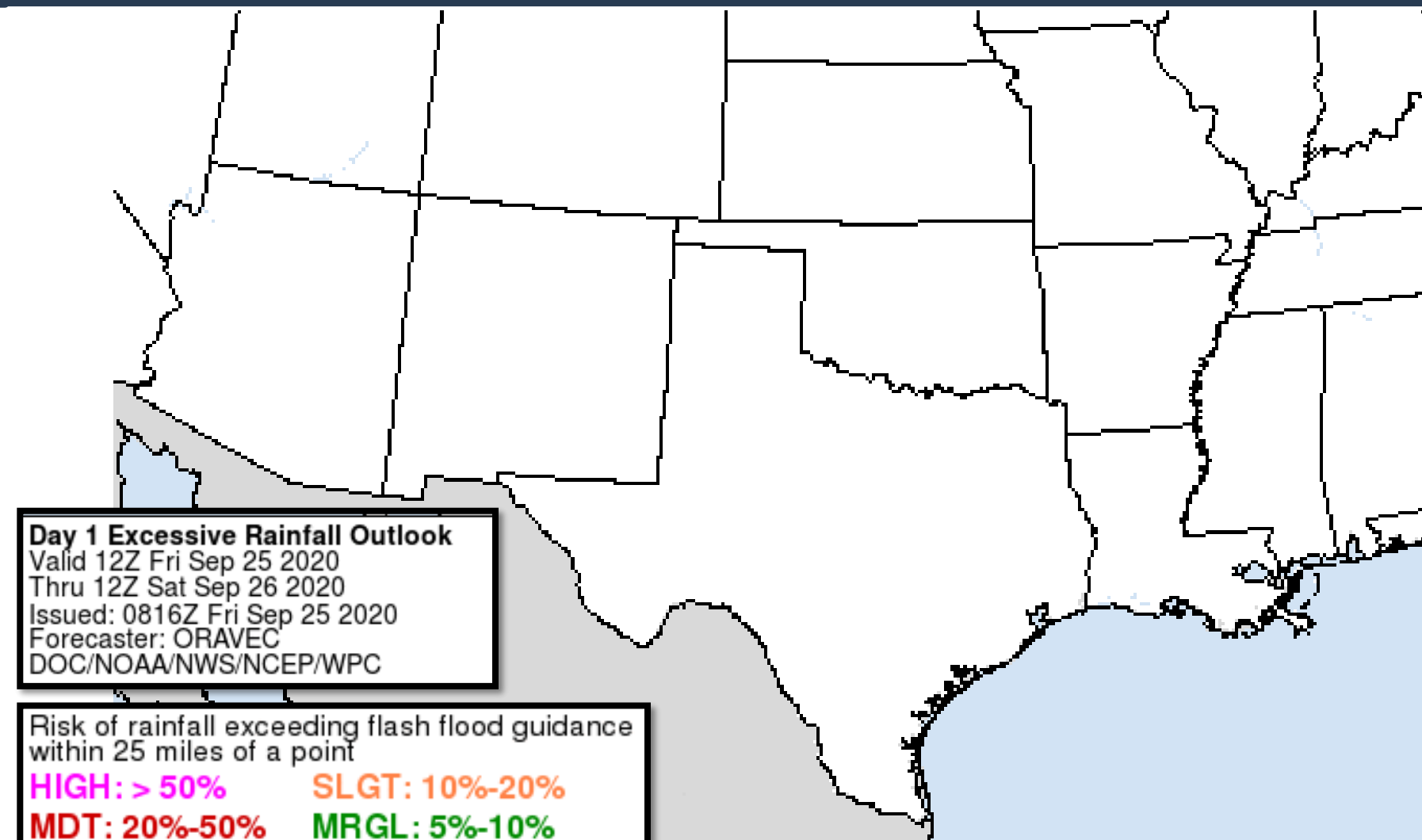
24-Hour Day 1 QPF
Valid 12Z Fri Sep 25 2020
Thru 12Z Sat Sep 26 2020
Issued: 0836Z Fri Sep 25 2020

No significant weather impacts expected.

Severe Weather Outlook



Excessive Rainfall Outlook



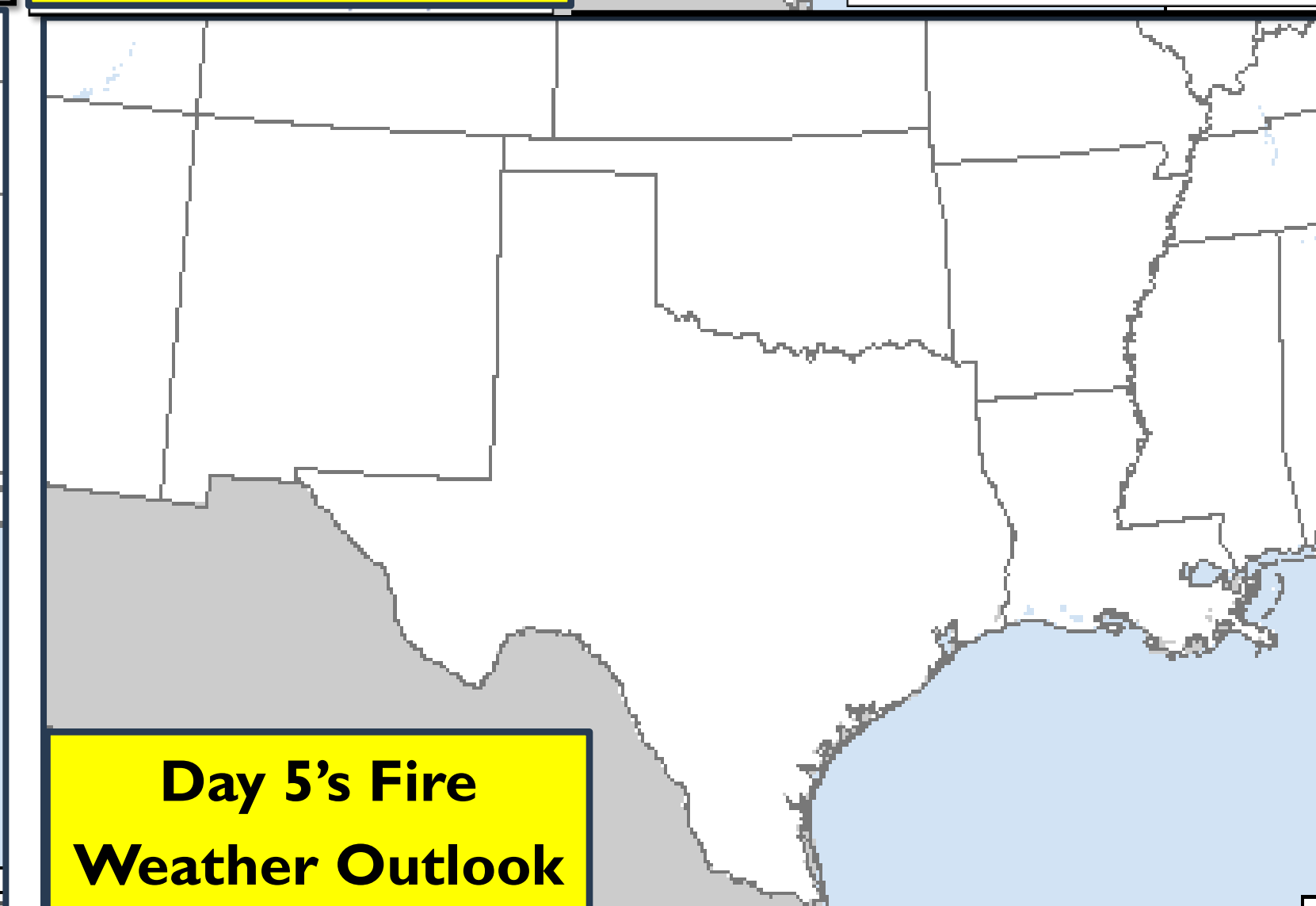
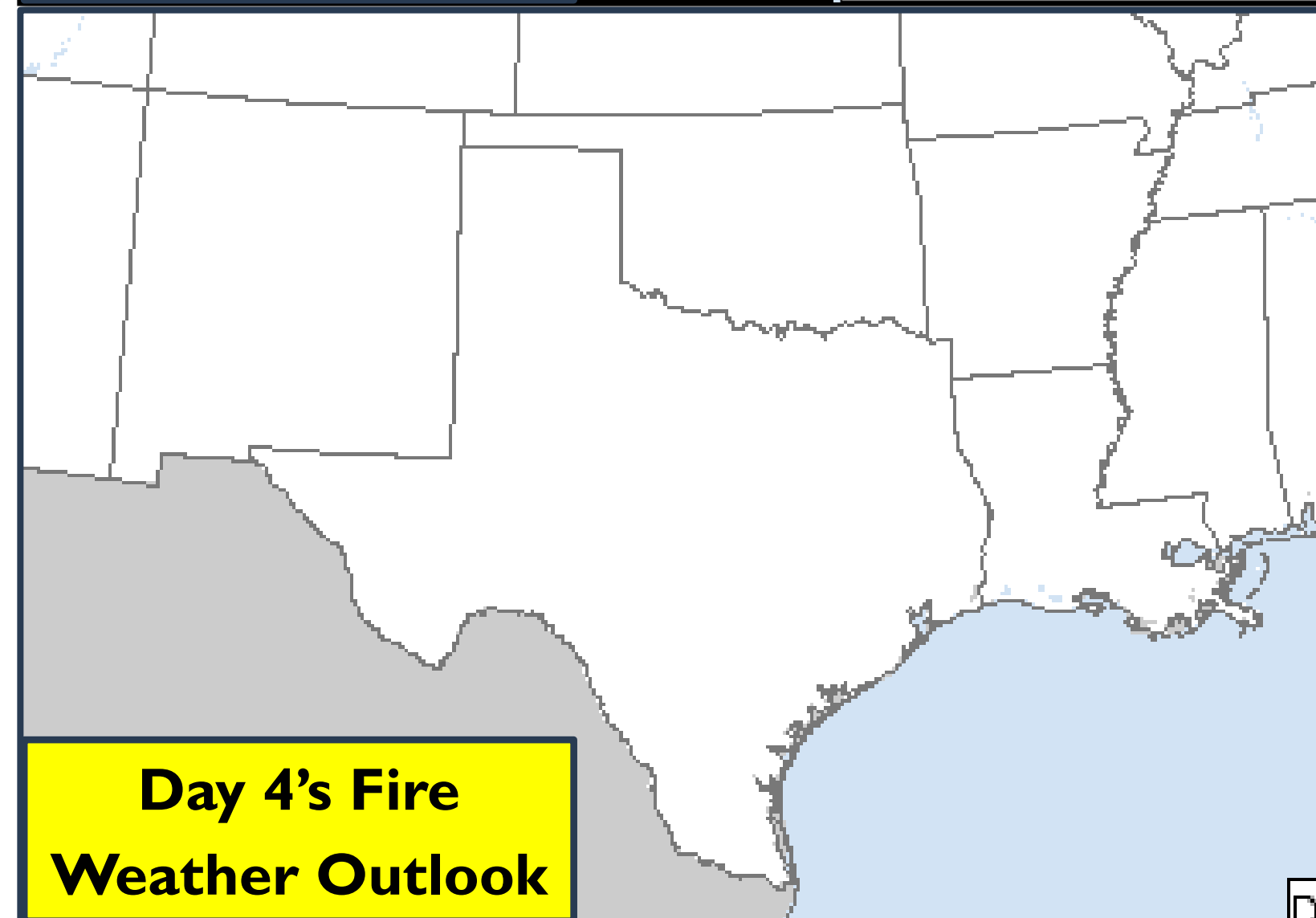
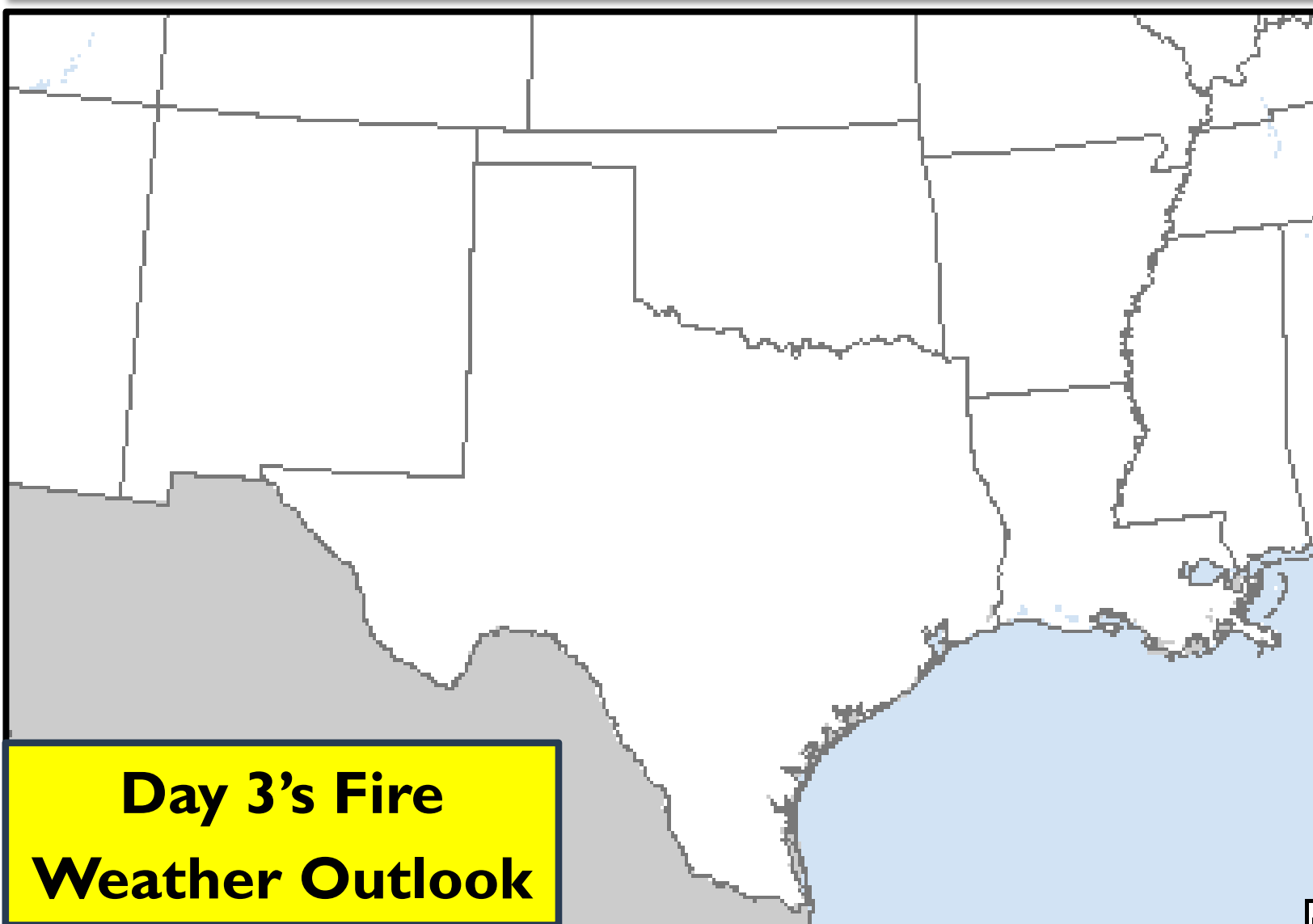
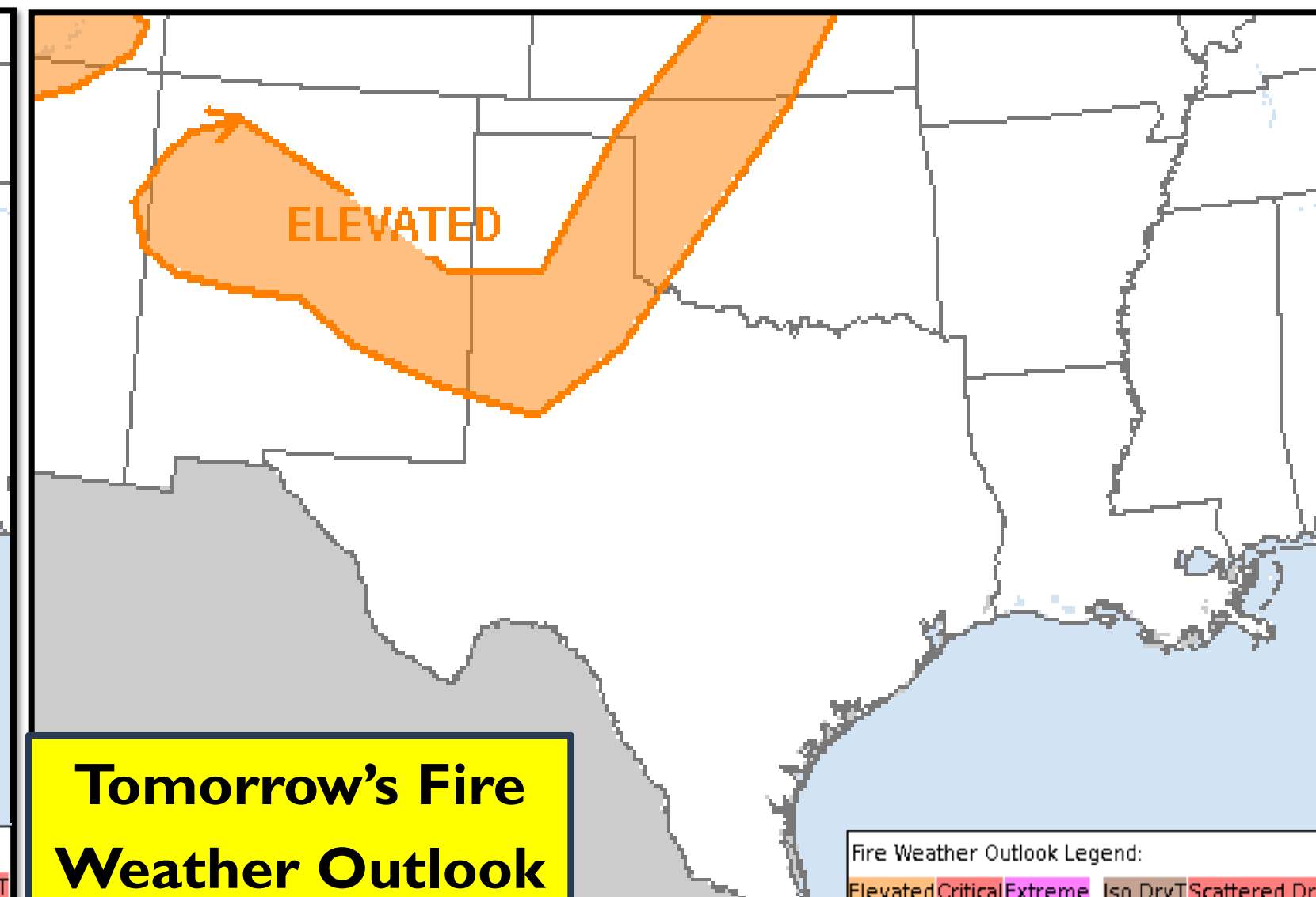
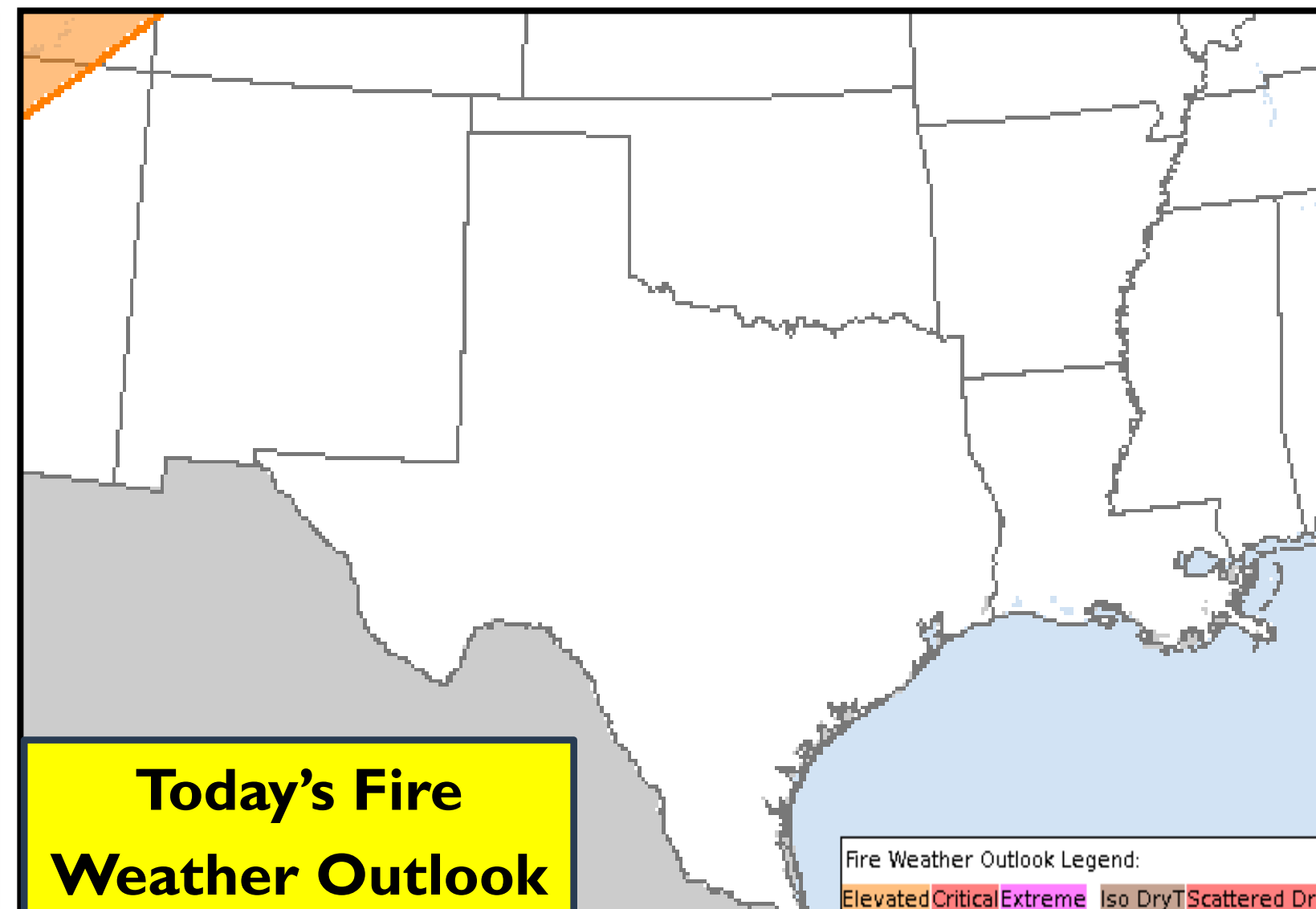
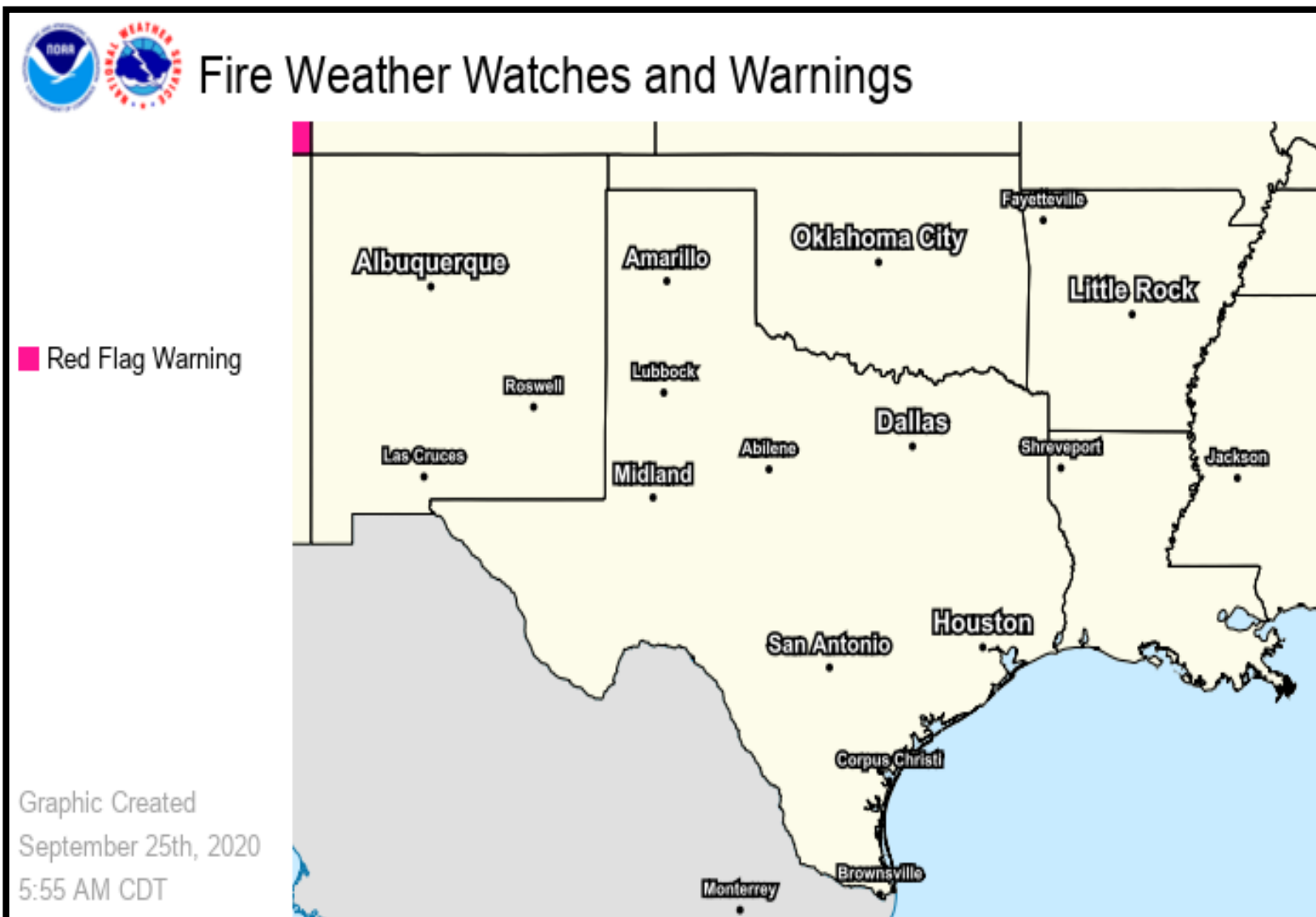
Day 1 Excessive Rainfall Outlook
Valid 12Z Fri Sep 25 2020
Thru 12Z Sat Sep 26 2020
Issued: 0816Z Fri Sep 25 2020
Forecaster: ORAVEC
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Fire Weather Outlooks



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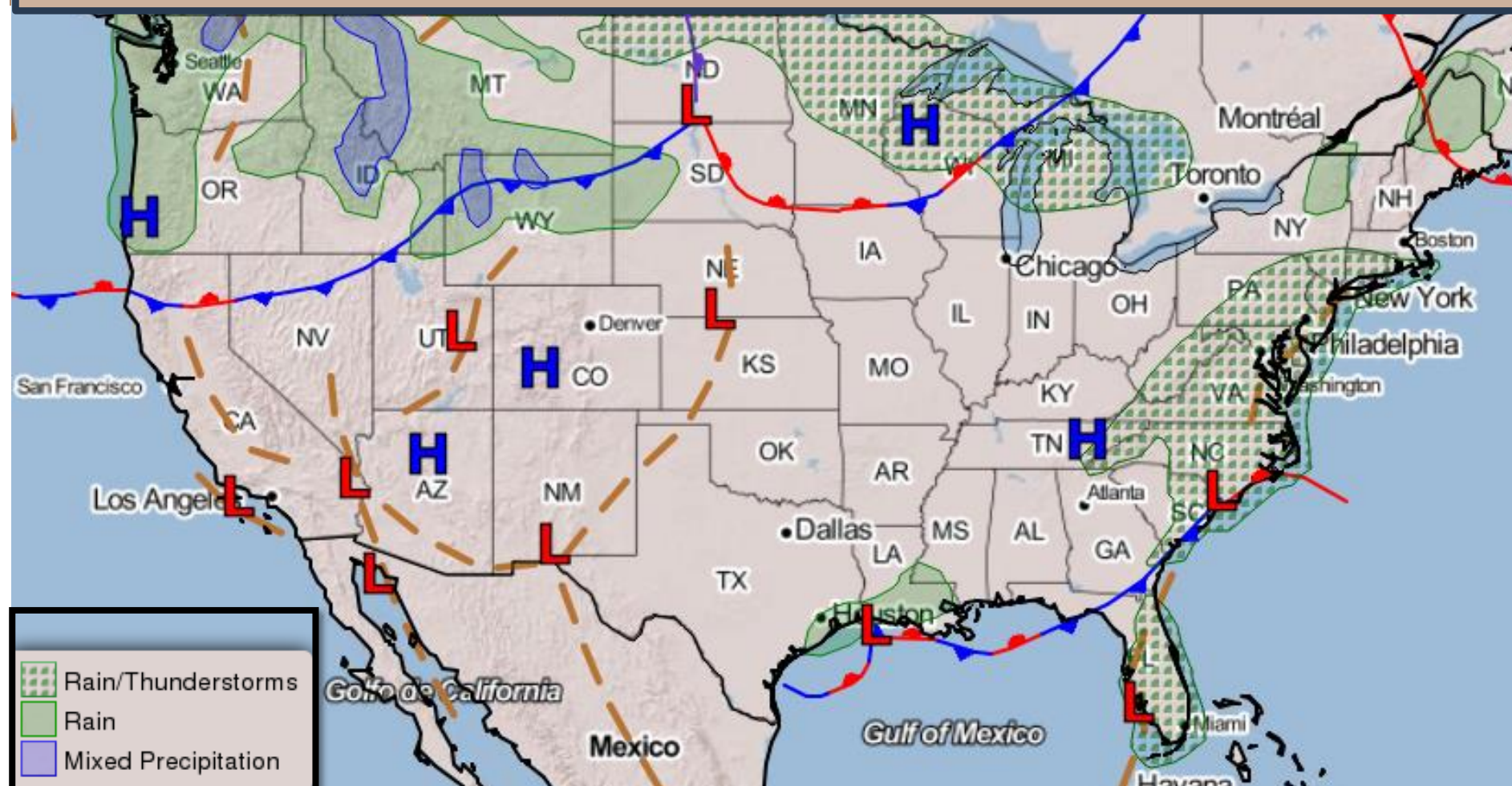


Tomorrow's Weather



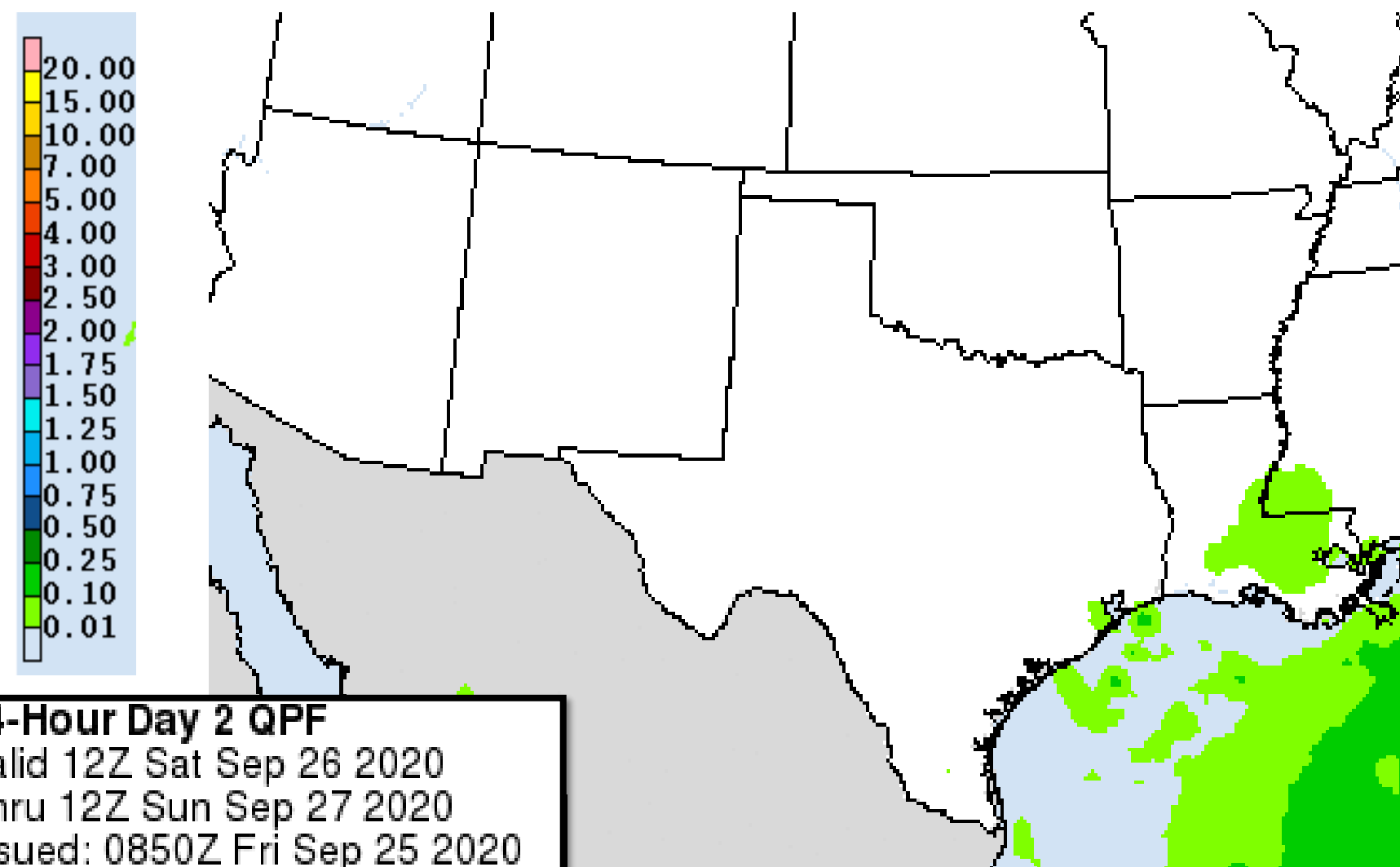
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Forecast Chart



Weather Valid 8am EDT Sat Sep 26 2020 to 8am EDT Sun Sep 27 2020
Fronts Valid 8am EDT Sat Sep 26 2020
Issued 5:00 AM EDT Fri, Sep 25, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Asherman with WPC/SPC/NHC forecasts.

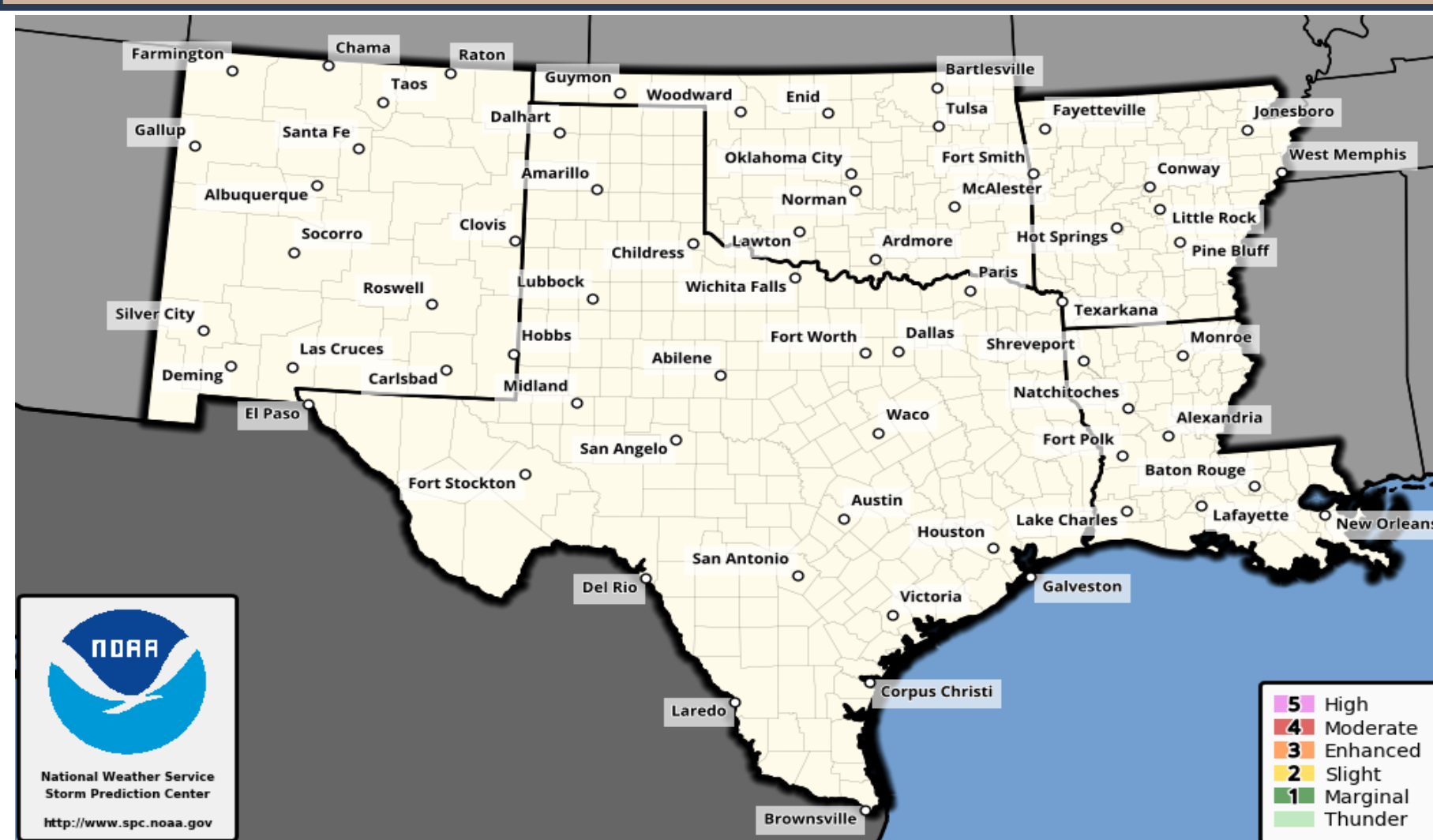
Forecast Rainfall



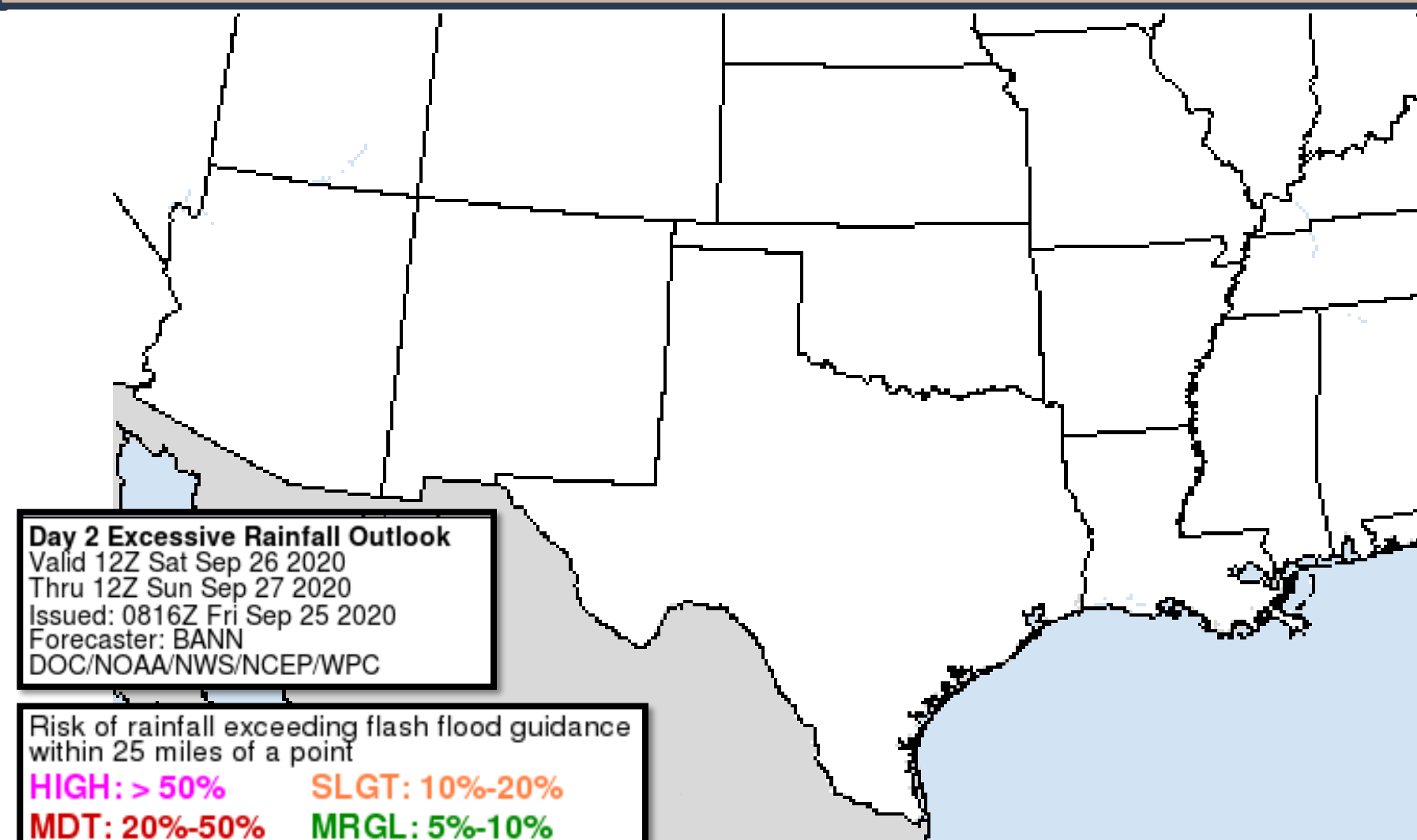
24-Hour Day 2 QPF
Valid 12Z Sat Sep 26 2020
Thru 12Z Sun Sep 27 2020
Issued: 0850Z Fri Sep 25 2020

No significant weather impacts
expected.

Severe Weather Outlook



Excessive Rainfall Outlook

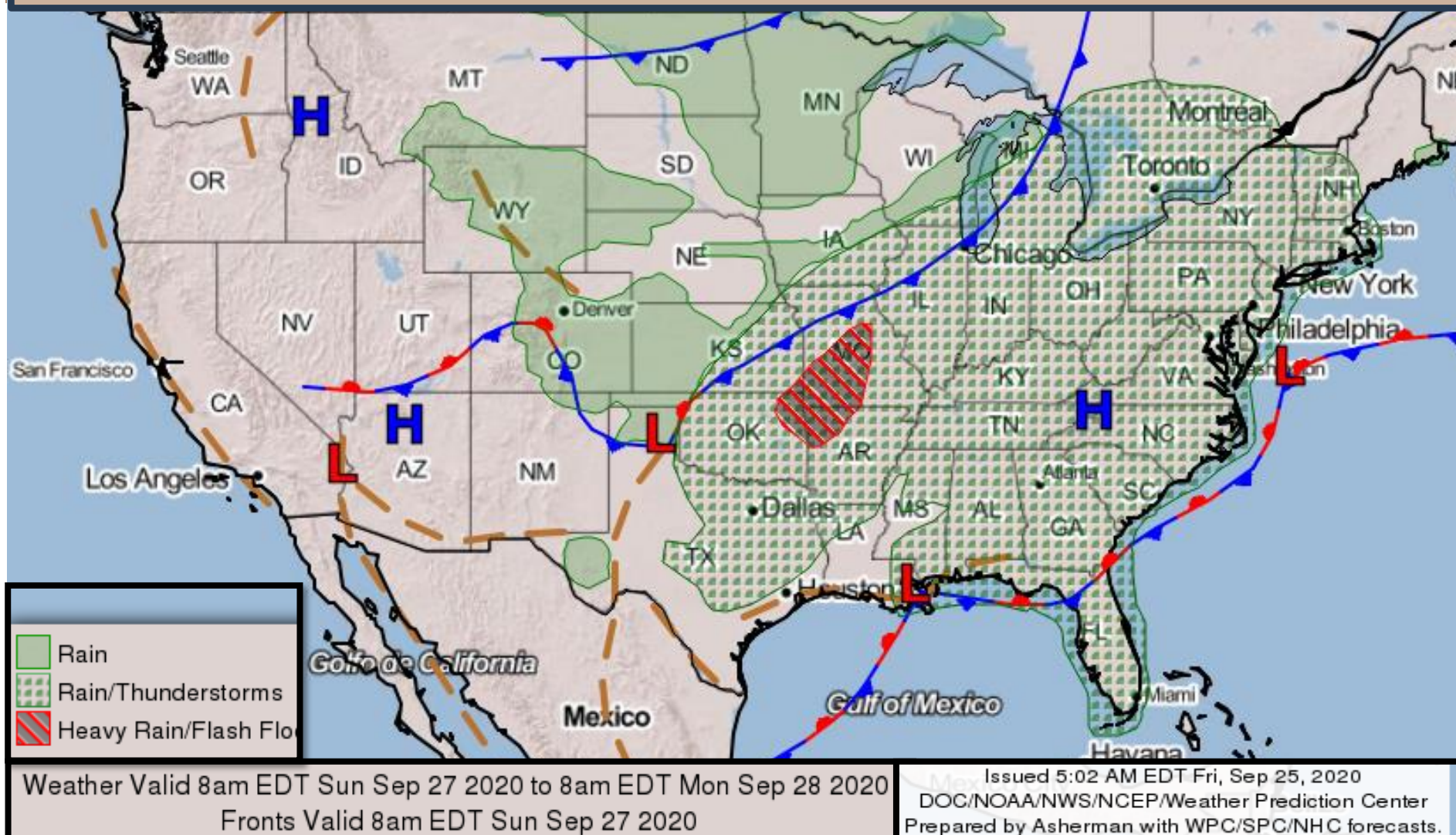


Day 2 Excessive Rainfall Outlook
Valid 12Z Sat Sep 26 2020
Thru 12Z Sun Sep 27 2020
Issued: 0816Z Fri Sep 25 2020
Forecaster: BANN
DOC/NOAA/NWS/NCEP/WPC

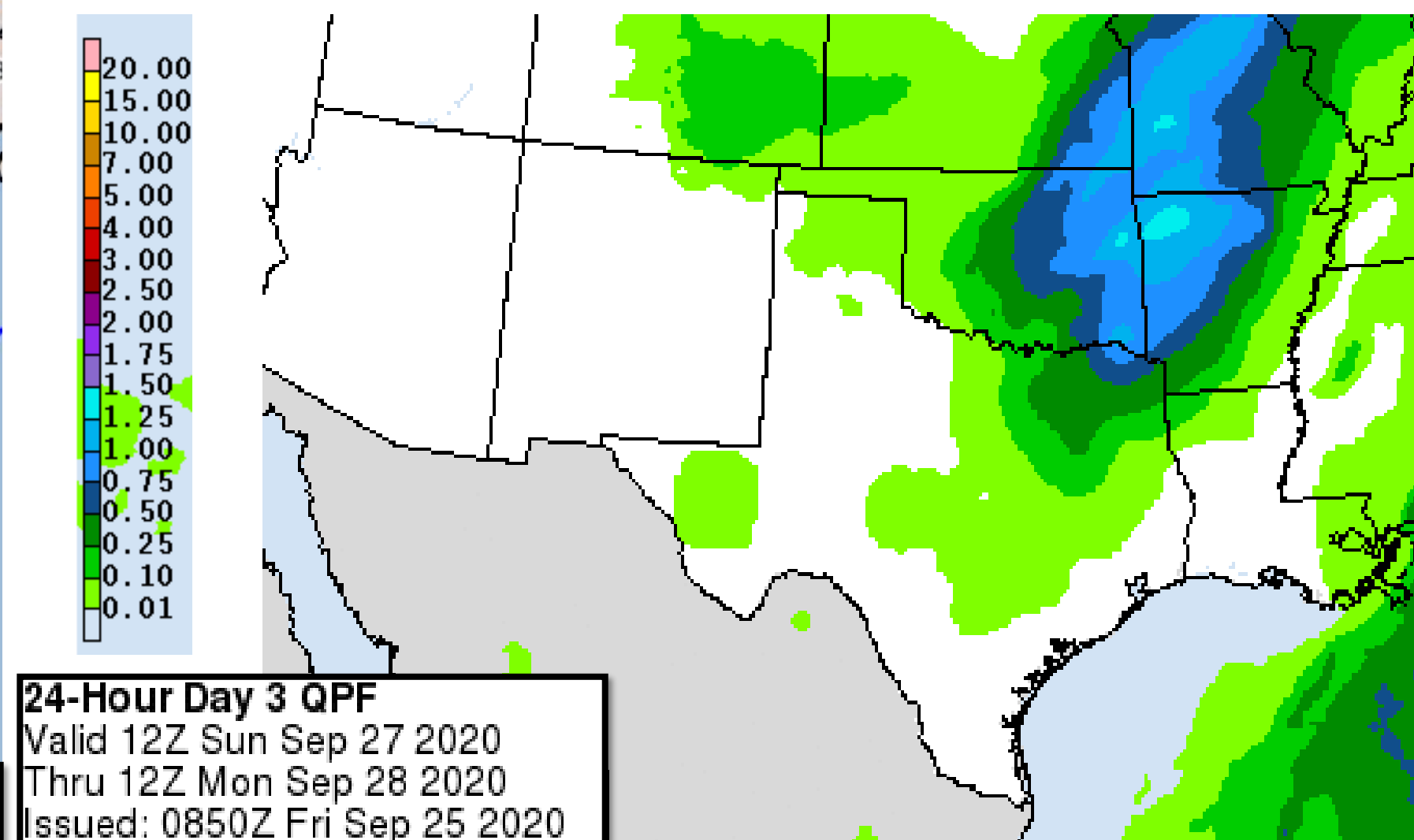
Risk of rainfall exceeding flash flood guidance
within 25 miles of a point
HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

Sunday's Weather

Forecast Chart



Forecast Rainfall

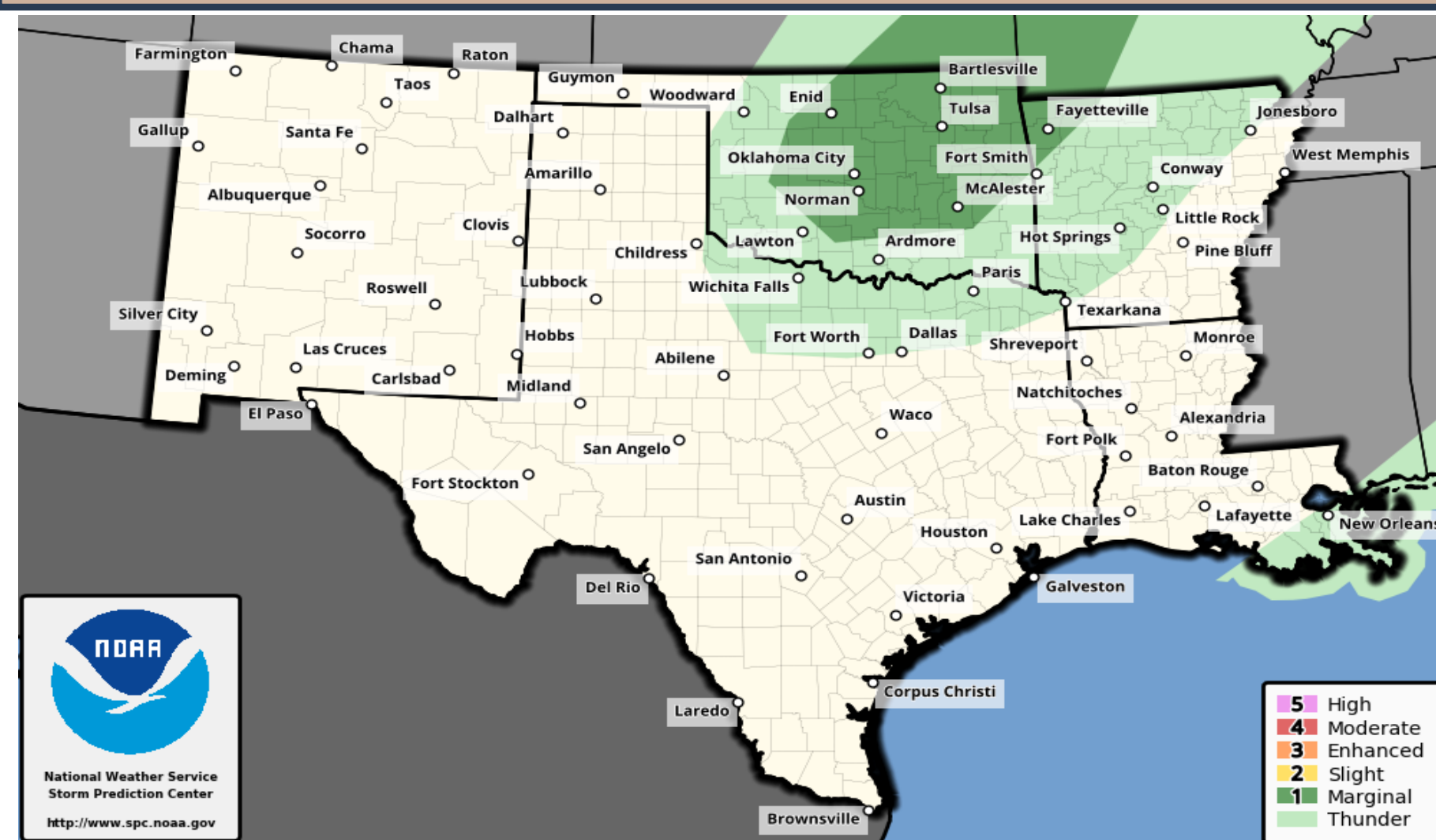


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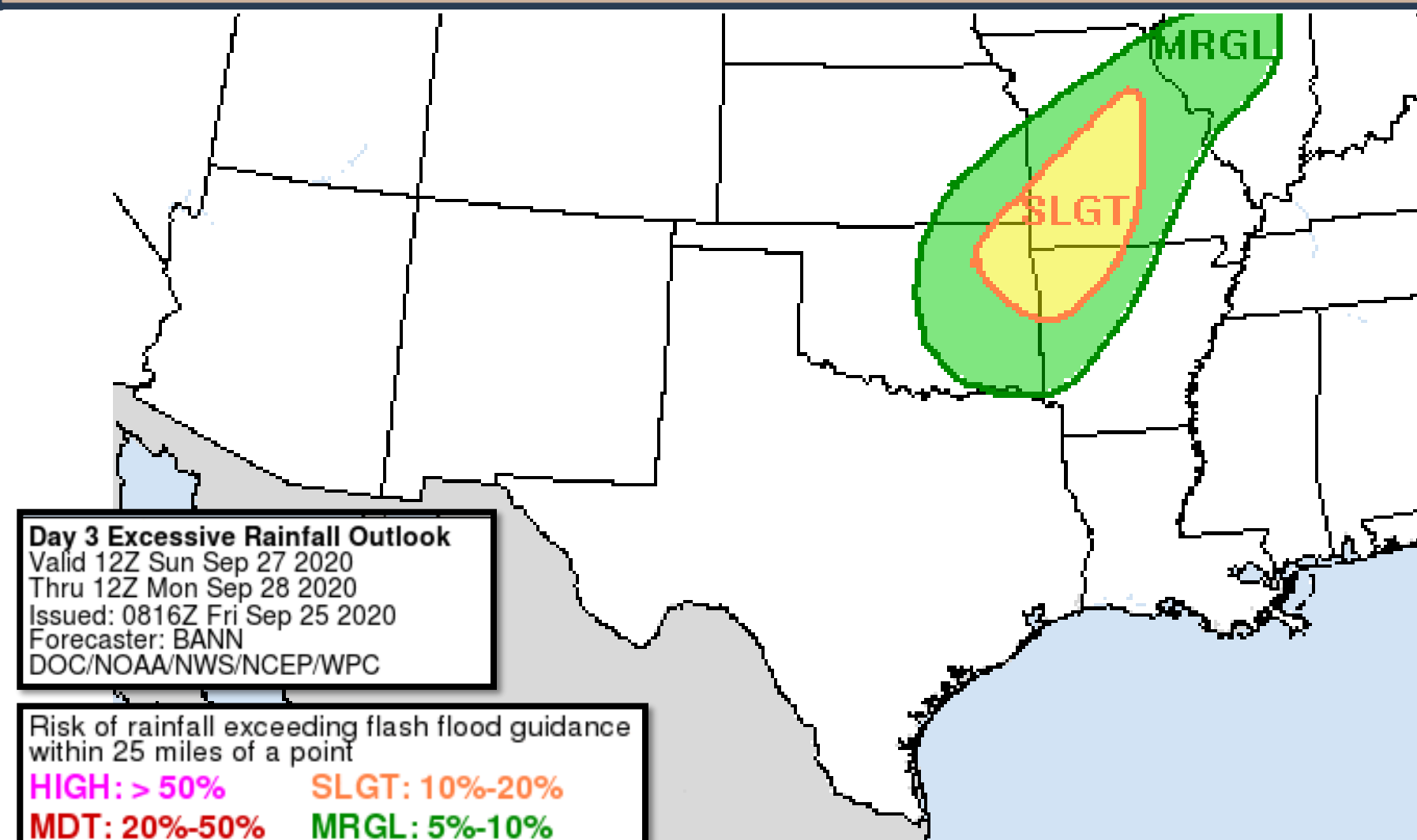
**Heavy rain and flash flooding
across NE OK and NW AR.**

**Isolated severe storms across
OK and NW AR. Large hail is
the main threat.**

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Monday - Tuesday



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No significant weather impacts expected.

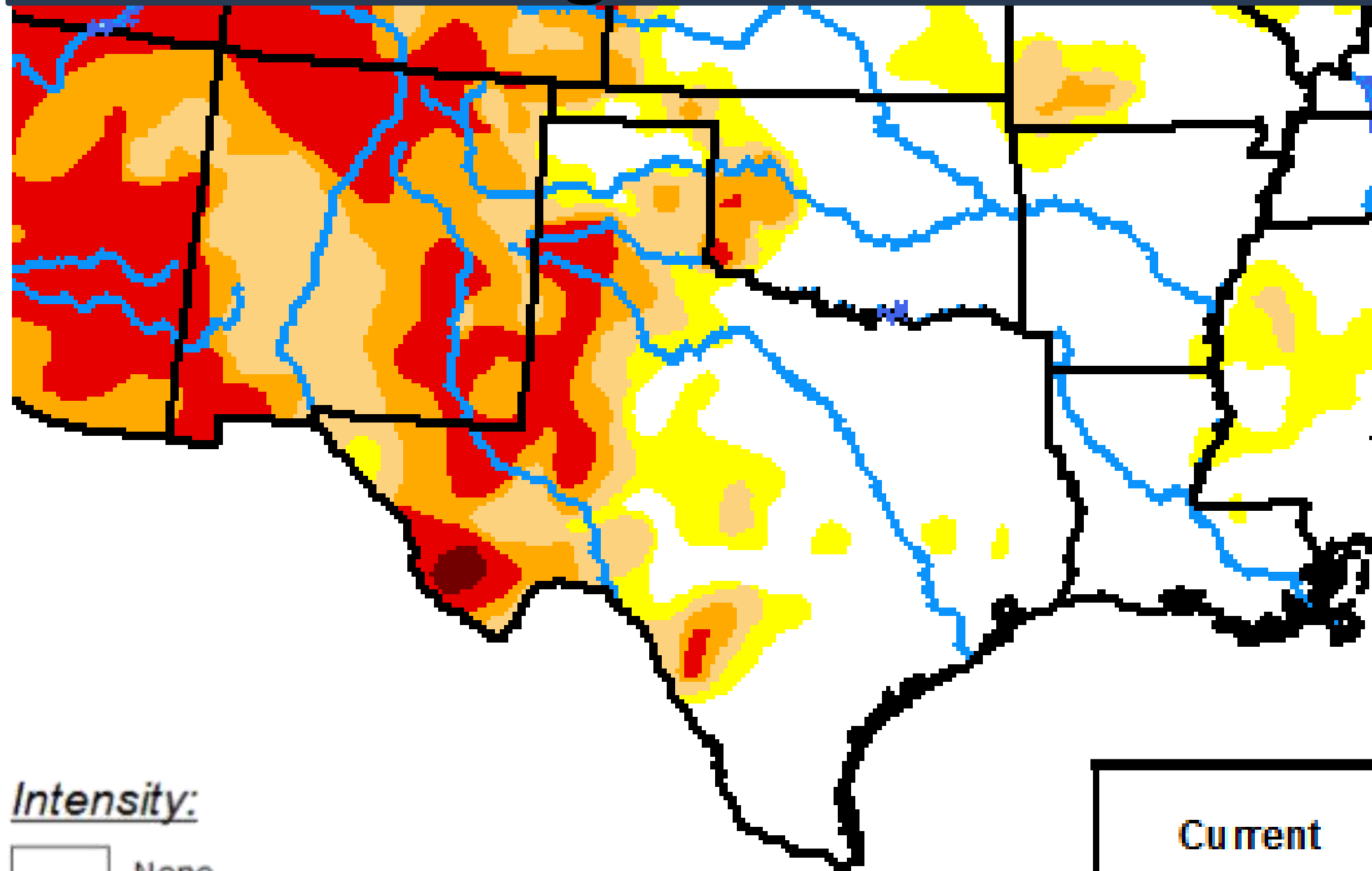
Drought Monitor (Released Sep 24, 2020)



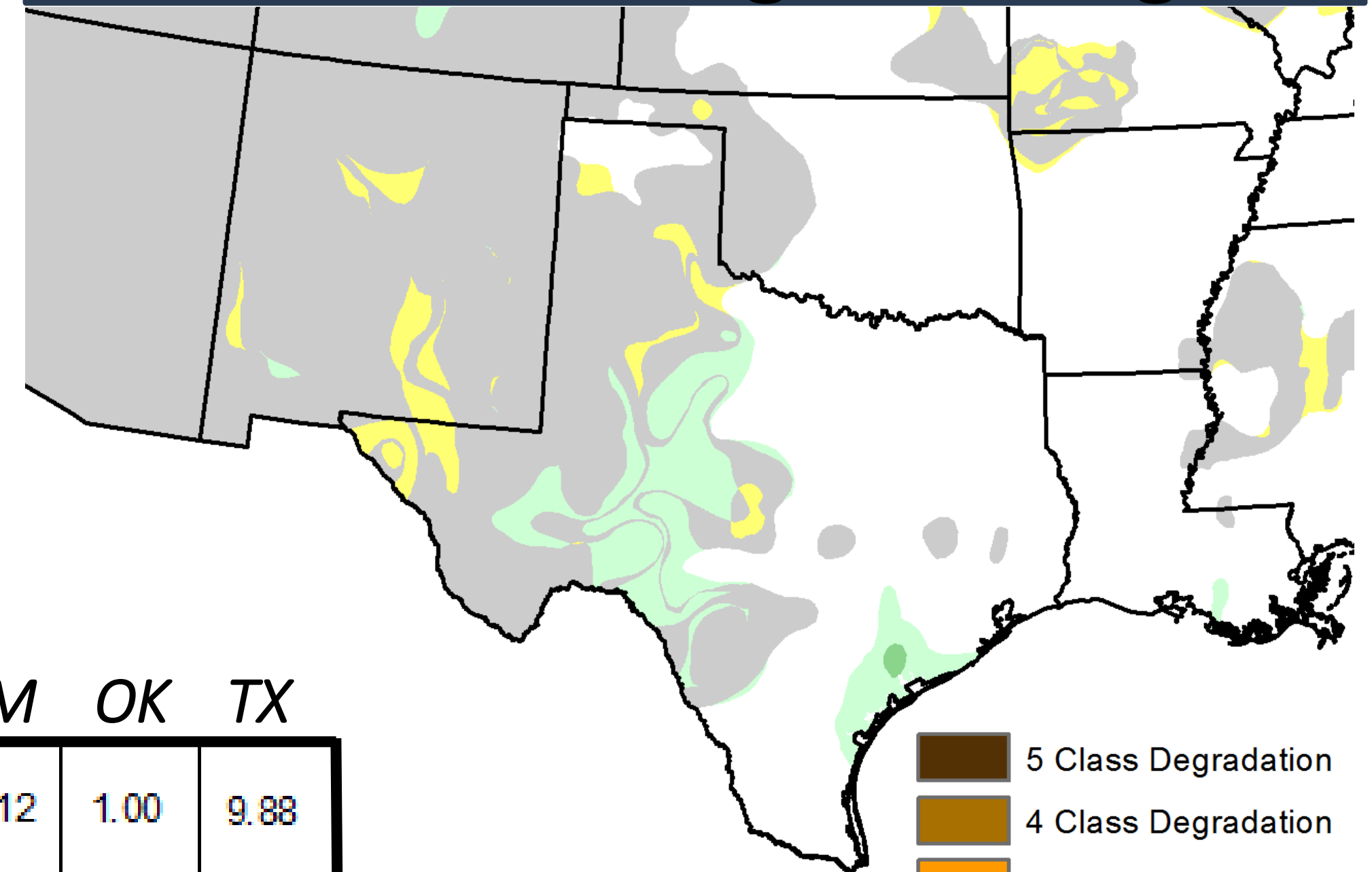
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Data valid as of 8 am ET on Tuesday, September 22, 2020

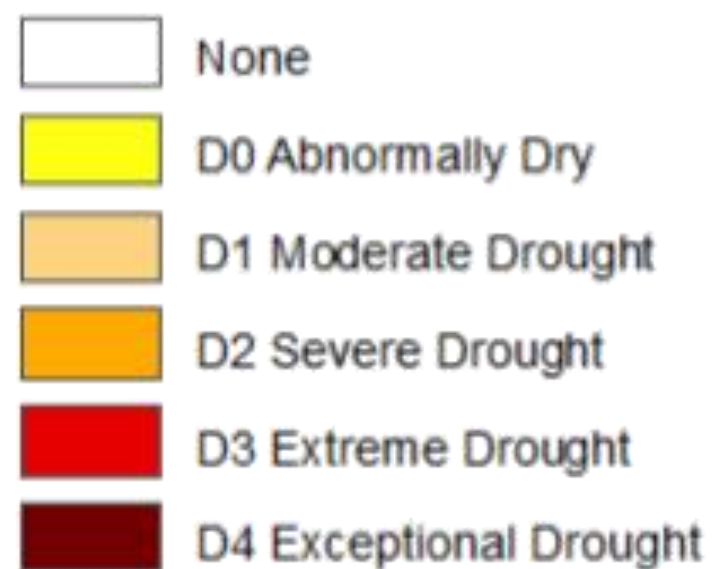
Drought Monitor



One Week Change in Drought



Intensity:

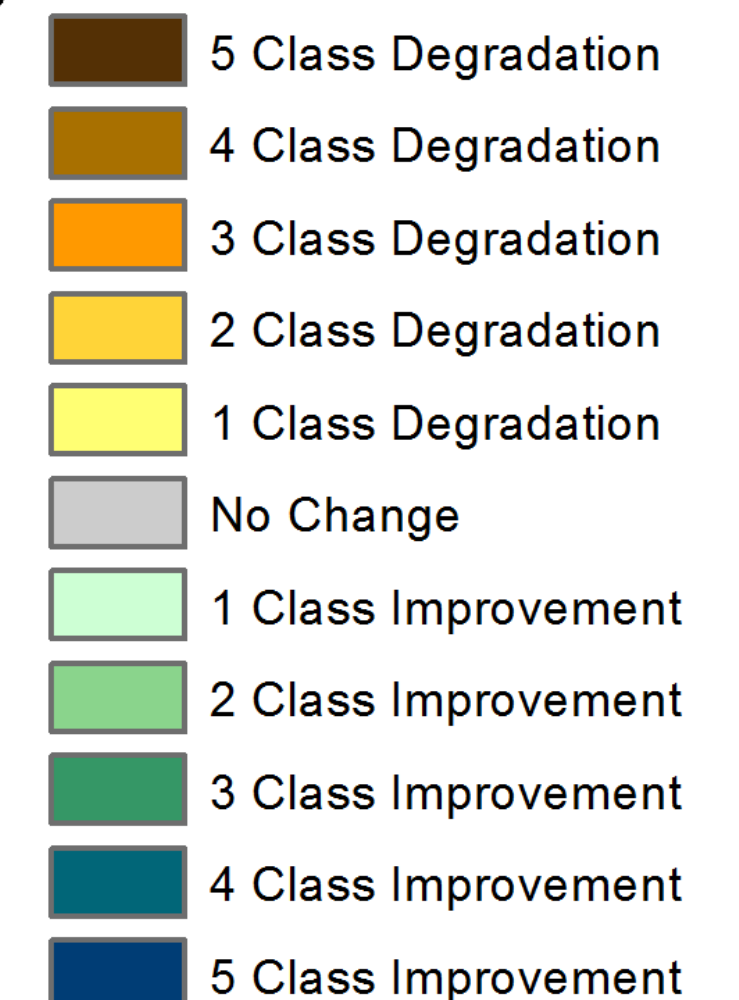


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

	AR	LA	NM	OK	TX
Current	0.00	0.00	34.12	1.00	9.88
Last Week 09-15-2020	0.00	0.00	31.66	1.00	9.88
3 Months Ago 06-23-2020	0.00	0.00	11.35	4.26	1.38
One Year Ago 09-24-2019	0.00	0.00	0.00	0.00	3.50

Drought Conditions (Percent Area)

D3-D4 (Extreme to Exceptional Drought)

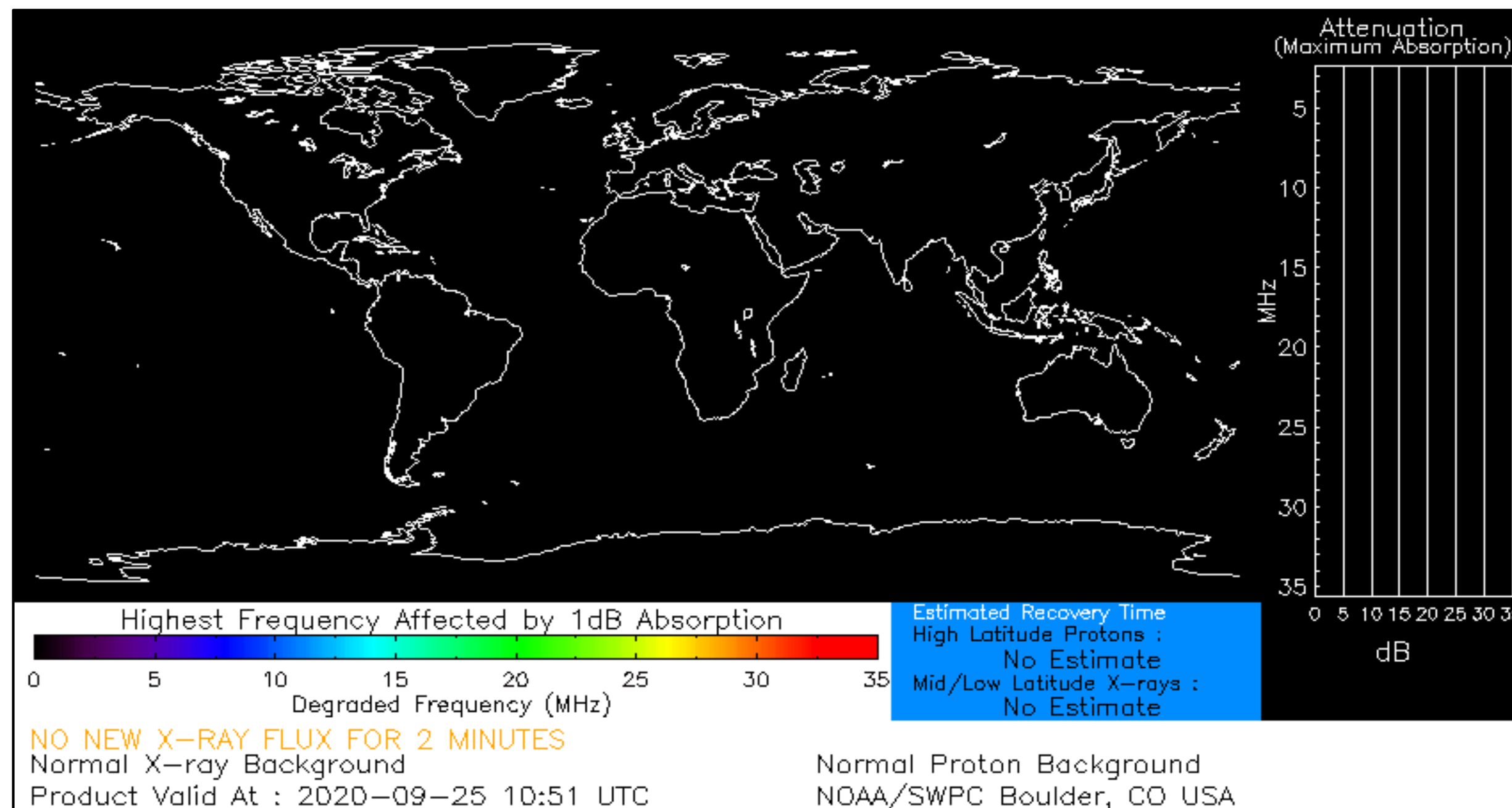


Space Weather 3-Day Forecast



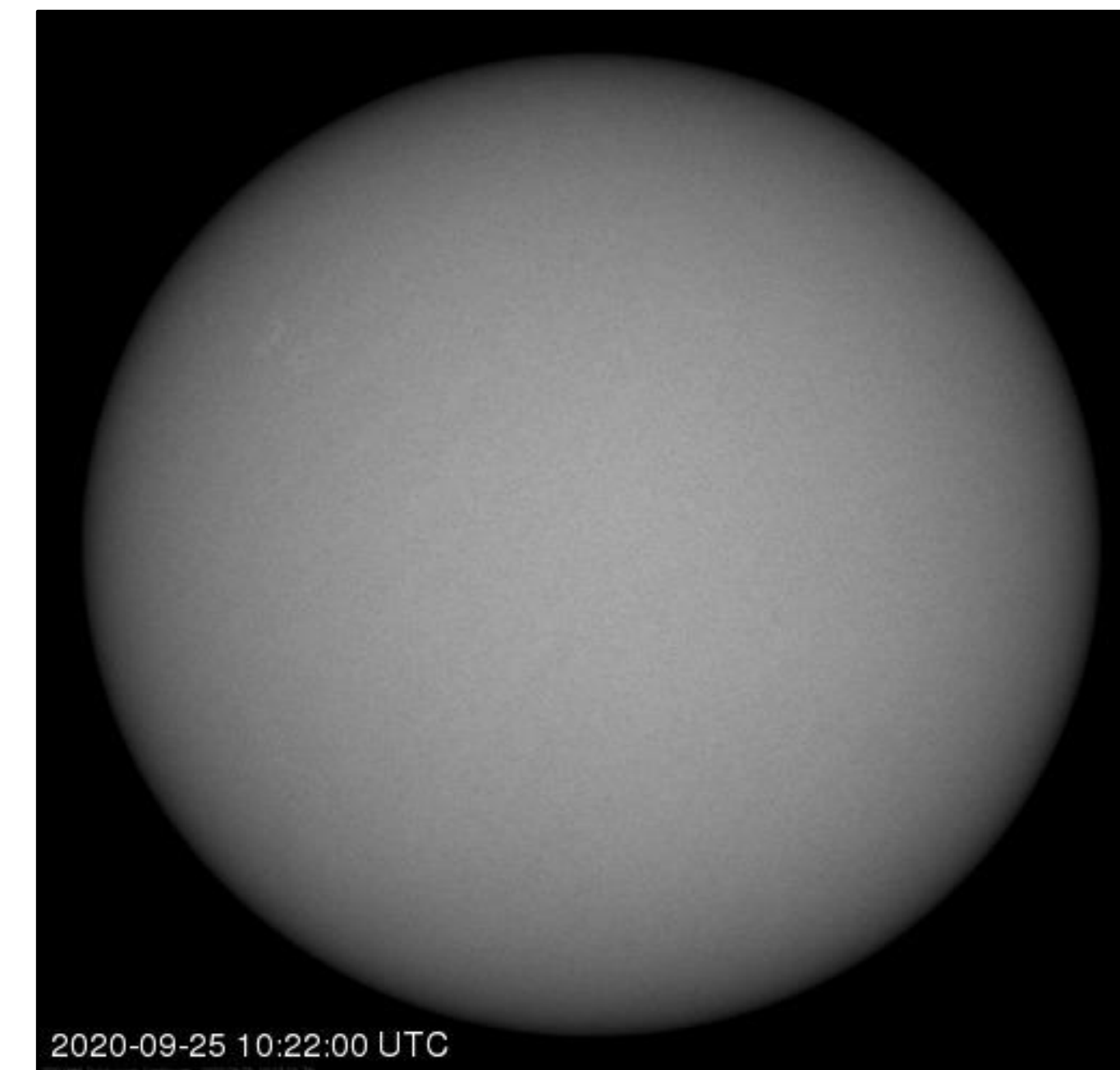
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	Friday	Saturday	Sunday
Geomagnetic Storms	Active (Max Kp = 4)	Active (Max Kp = 4)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov